

# MODEL: T103

## 24 HOUR DIAL TIME SWITCH

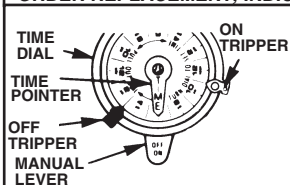


DOUBLE POLE SINGLE THROW (DPST)

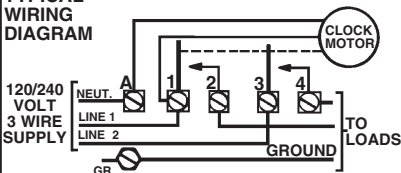
40 AMP. RESISTIVE, INDUCTIVE, TUNGSTEN OR  
1000 VA PILOT DUTY EACH POLE 120/208.240 VOLT AC;  
2 HP (24 FLA)-120V AC; 5 HP (28 FLA)-240V AC.

**CLOCK MOTOR: 110-125 VOLTS - 60 HZ.**

*CLOCK MOTOR VOLTAGE AND CYCLE MUST BE AS SPECIFIED. TO ORDER REPLACEMENT, INDICATE PART NO. (WG--) ON MOTOR COVER.*



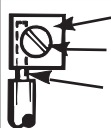
**TYPICAL  
WIRING  
DIAGRAM**



**WIRING INSTRUCTIONS:** To wire switch follow diagram above. Use solid or stranded **COPPER only** wire with insulation to suit installation. See gauge selection table for normal service applications. To make power connections remove 1/2 inch of insulation from wire ends. Insert bare ends of wire under the pressure plate of terminals. Use 3/16 or larger screwdriver to tighten terminal screws firmly. (25 lb-in minimum).

**REPLACE INSULATOR BEFORE TURNING ON ELECTRICITY.**

| MINIMUM<br>COPPER<br>WIRE SIZE<br>(AWG) | MAX.<br>LOAD<br>(AMP) | MIN. INSUL-<br>ATION<br>TEMP (°C) | 75°C INSULATION MAX. MOTOR<br>LOAD (HP) |        |         |        |
|-----------------------------------------|-----------------------|-----------------------------------|-----------------------------------------|--------|---------|--------|
|                                         |                       |                                   | SINGLE PHASE                            |        | 3 PHASE |        |
|                                         |                       |                                   | 120 V.                                  | 240 V. | 208 V.  | 240 V. |
| 14                                      | 15                    | 60                                | 1/2                                     | 2      |         |        |
| 12                                      | 20                    | 60                                | 1                                       | 2 1/2  | N/A     | N/A    |
| 10                                      | 30                    | 60                                | 2                                       | 3      |         |        |
| 8                                       | 40                    | 75                                | -                                       | 5      |         |        |



PRESSURE PLATE  
TERMINAL SCREW  
MAKE SURE WIRE  
INSULATION  
CLEARS  
PRESSURE PLATE

### PROGRAMMING INSTRUCTIONS

- TO SET "ON" AND "OFF" TIMES:** Hold trippers against edge of **CLOCK-DIAL**, pointing to time (AM or PM) when **ON** and **OFF** operations are desired, tighten tripper screws firmly. For additional tripper pairs on **CLOCK-DIAL** order 156T1978A.
- TO SET TIME-OF-DAY:** Pull **CLOCK-DIAL** outward. Turn in either direction and align the exact time-of-day on the **CLOCK-DIAL** (the time now, when switch is being put into operation) to the pointer. **DO NOT MOVE POINTER.**

### OPERATING INSTRUCTIONS

- TO OPERATE SWITCH MANUALLY:** Move **MANUAL LEVER** below **CLOCK-DIAL** left or right as indicated by arrows. This will not effect next operation.
- IN CASE OF POWER FAILURE,** reset **CLOCK-DIAL** to proper time-of-day. See programming instructions

**INTERMATIC INCORPORATED**

SPRING GROVE, ILLINOIS 60081-9698